

ABSTRACT

A method and apparatus for providing steam for a test chamber is provided. The apparatus includes a heating element contained within a vessel which is fluid communication with an exterior reservoir wherein the heating element provides heat to generate steam from the water entering the vessel from the reservoir. The method for generating steam includes providing a chamber configured to contain a fluid inletting water into the chamber from a reservoir external from the chamber, controlling an amount of water inlet into the reservoir substantially equalizing the water level in the reservoir with the water level in the chamber. The method also includes heating the water in the chamber to turn at least some of the water into steam and venting at least some of the steam out of the chamber.